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Amendments to the Specification:

Please delete the paragraphs beginning at page 3, line 9 and ending at page 4, line 10.

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Please replace the paragraph beginning at page 12, line 24, with the following rewritten paragraph:

~~--According to the centrifugal separator as defined in said~~
10 ~~{1}, when~~ When the feed stock is supplied to the inside of the bowl, the centrifugal force separates the feed stock into the object to be treated and the mother liquid inside of the bowl, the object to be treated being settled onto the inner circumferential surface of the bowl, and such
15 object to be treated is conveyed by the screw conveyor which is provided with a difference in rotational speed between it and the bowl. However, in the radial clearance formed between the outer circumferential edge of the flight of the screw conveyor and the inner circumferential surface
20 of the screen part, the object to be treated is not sufficiently conveyed by the conveyor, forming a residual layer.--

Please replace the paragraph beginning at page 13, line 26,
25 with the following rewritten paragraph:

~~--According to the centrifugal separator as defined in said {2}, at~~ At least a part of the cleaning liquid is directly jet spouted toward the residual layer crystals
30 formed in the clearance between the outer circumferential edge of the flight of the screw conveyor and the inner circumferential surface of the screen part from the liquid

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conduction part. Because said liquid conduction part is provided such that the thickness of the residual layer crystals is held to within 10 mm by the penetration of the cleaning liquid jet spouted from the liquid conduction part, 5 the cleaning liquid effectively passes through the residual layer crystals, which allows the amount of leakage of the object to be treated in the screen part to be more effectively reduced.--